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TYCO 18013 (AT 20958-43)
PATENT

IN THE CLAIMS

1. (previously presented) A cable comprising:

a cylindrical core comprising at least one twisted pair of insulated wires; and

a jacket surrounding said core, said jacket comprising at least one spline projecting inward from an inner surface of said jacket, wherein at least a portion of said twisted pair is positioned between said spline and a center of said core, thereby preventing relative movement of said jacket with respect to said core.

2. (previously presented) The cable of claim 1 wherein said core comprises a filler and said at least one twisted pairs comprises a plurality of twisted pairs arranged around said filler.

3. (previously presented) The cable of claim 1 wherein said at least one spline comprises a plurality of splines projecting inward from the inner surface of said jacket.

4. (previously presented) The cable of claim 1 wherein said spline is continuously extending on said inner surface of said jacket.

5. (previously presented) The cable of claim 1 wherein said spline extends along a longitudinal axis of said core.

6. (previously presented) The cable of claim 1 wherein said jacket is extruded over said core.

7. (previously presented) The cable of claim 1 wherein said at least one spline comprises at least two splines projecting inward from the inner surface of said jacket, said splines equally spaced from one another.

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8. (previously presented) The cable of claim 1 wherein said at least one spline comprises four splines projecting inward from an inner surface of said jacket.

9. (previously presented) The cable of claim 1 wherein said spline projects radially inwardly from said inner surface of said jacket.

10. (previously presented) A cable comprising:

a core comprising a central core filler and a plurality of twisted pairs of insulated wires extending about said core filler; and

a jacket surrounding said core, said jacket comprising a round inner surface and at least one spline projecting inward from said inner surface, wherein said at least one spline is adapted to prevent relative movement of said jacket and core without separating one of said plurality of twisted pairs from another of said plurality of twisted pairs.

11. (previously presented) The cable of claim 10 wherein said central core filler is round.

12. (previously presented) The cable of claim 10 wherein said at least one spline comprises a plurality of splines projecting inward from an inner surface of said jacket.

13. (previously presented) The cable of claim 10 wherein said spline is continuously extending on said inner surface of said jacket.

14. (previously presented) The cable of claim 10 wherein said spline extends along a longitudinal axis of said core.

15. (previously presented) The cable of claim 10 wherein said jacket is extruded over said core.

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16. (previously presented) The cable of claim 10 wherein said at least one spline comprises at least two splines projecting inward from an inner surface of said jacket, said splines equally spaced from one another.

17. (previously presented) The cable of claim 10 wherein said at least one spline comprises four splines projecting inward from an inner surface of said jacket.

18. (previously presented) The cable of claim 10 wherein said spline projects radially inwardly from said inner surface of said jacket.

19. (previously presented) A cable comprising:

a round core comprising a central core filler and a plurality of twisted pairs of insulated wires extending about said core filler; and

a round jacket surrounding said core, said jacket comprising an inner surface and a plurality of splines projecting inward from said inner surface, wherein said plurality of splines are adapted to prevent relative movement of said jacket and core without separating said plurality of twisted pairs from one another.

20. (previously presented) A cable in accordance with claim 19, wherein said plurality of splines are equally spaced about said core.